



# SPYWOLF

## Security Audit Report



Completed on  
**May 10, 2023**

@SPYWOLFNETWORK



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SPYWOLF.CO





# OVERVIEW

This audit has been prepared for **McDonalds** to review the main aspects of the project to help investors make make an informative decision during their research process.

You will find a a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

*The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal*

- SPYWOLF Team -

”





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# McDonalds



## PROJECT DESCRIPTION

### **According to their website/whitepaper:**

"The McDonalds Crypto Meme Project is a unique blend of cryptocurrency, pop culture, and the spirit of the internet. Using blockchain technology, it creates a decentralized platform that celebrates the joy of memes while providing a space for users to engage, create, and monetize their content."

**Release Date:** Launched in May, 2023

**Category:** Meme token

01



# CONTRACT INFO

Token Name  
McDonalds

Symbol  
MCDONALDS

Contract Address

0x03938F2345739Bb678fAEe0677f3655bB7eB2f65

Network  
Ethereum

Language  
Solidity

Deployment Date  
May 10, 2023

Verified?  
Yes

Total Supply  
10,000,000 MCDONALDS

Status  
Not Launched

## TAXES

Buy Tax  
**0%**

Sell Tax  
**0%**

\*Taxes cannot be changed in future



## Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

### Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



## TOKEN TRANSFERS STATS

Transfer Count	2157
Uniq Senders	382
Uniq Receivers	756
Total Amount	98489076.17874338 MCDONALDS
Median Transfer Amount	19282.426015414 MCDONALDS
Average Transfer Amount	45660.21148759544 MCDONALDS
First transfer date	2023-05-10
Last transfer date	2023-05-10
Days token transferred	1

## SMART CONTRACT STATS

Calls Count	7330
External calls	559
Internal calls	6771
Transactions count	2614
Uniq Callers	340
Days contract called	1
Last transaction time	2022-12-25 10:37:35 UTC
Created	2022-12-25 01:36:47 UTC
Create TX	0xf4447c13a70ab362b000e9237dff12045a6c87a7cd5b662cd2c2c573bf47e317
Creator	0x2849c017ef21278cb9a72aba15881ed712433afc





# FEATURED WALLETS

Owner address	0x00 <b>Ownership is renounced</b> <i>Original owner: 0xe27e52b285805E22fEEb3A1105d21C262E263Af0</i>
Marketing wallet	0xecb063bf390365f20cE76dd2C03948dD187c1988
Development wallet	0xe27e52b285805E22fEEb3A1105d21C262E263Af0
LP address	<b>Uniswap:</b> 0xB43E40b8E47c27Bc8A9FF78a4B0dB5ff1e8bAeeB

# TOP 3 UNLOCKED WALLETS





# VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed





# THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

## High Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Medium Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Low Risk

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Issues on this level are minor details and warning that can remain unfixed.

## Informational

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Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



# FOUND THREATS

## ⚠ High Risk

Development wallet and marketing wallet can initiate manual token swaps from contract and withdraw eth from the contract. If contract's token swap balance is 0 transactions will fail.

```
function manualswap() external {  
    require(_msgSender() == _developmentAddress || _msgSender() == _marketingAddress);  
    uint256 contractBalance = balanceOf(address(this));  
    swapTokensForEth(contractBalance);  
}  
  
function manualsend() external {  
    require(_msgSender() == _developmentAddress || _msgSender() == _marketingAddress);  
    uint256 contractETHBalance = address(this).balance;  
    sendETHToFee(contractETHBalance);  
}
```

**Contract's ownership is renounced.  
Owner do not have any special privileges.**



## Informational

Before ownership renouncement owner could:

Enable/disable trading, blacklist address from trading.

Set fees without limit, set max transaction amount without limit.

```
function setTrading(bool _tradingOpen) public onlyOwner {
    tradingOpen = _tradingOpen;
}

function blockBots(address[] memory bots_) public onlyOwner {
    for (uint256 i = 0; i < bots_.length; i++) {
        bots[bots_[i]] = true;
    }
}

function setFee(uint256 redisFeeOnBuy, uint256 redisFeeOnSell,
uint256 taxFeeOnBuy, uint256 taxFeeOnSell) public onlyOwner {
    _redisFeeOnBuy = redisFeeOnBuy;
    _redisFeeOnSell = redisFeeOnSell;

    _taxFeeOnBuy = taxFeeOnBuy;
    _taxFeeOnSell = taxFeeOnSell;
}

function setMaxTxnAmount(uint256 maxTxAmount) public onlyOwner {
    _maxTxAmount = maxTxAmount;
}
```

**Contract's ownership is renounced.  
Owner do not have any special privileges.**



RECOMMENDATIONS FOR

# GOOD PRACTICES

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1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

## McDonalds

### GOOD PRACTICES FOUND

- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner can set a transaction limit, but can't lower it than 1% of total supply
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



# WEBSITE

## Website URL

<https://mcdonaldserc.com>

## Domain Registry

<https://www.hostinger.com>

## Domain Expiration

Expires on 2023-12-05

## Technical SEO Test

Passed

## Security Test

Passed. SSL certificate present

## Design

Very nice color scheme and overall layout.

## Content

The information helps new investors understand what the product does right away. No grammar mistakes found.

## Whitepaper

No whitepaper found

## Roadmap

Yes

## Mobile-friendly?

Yes



# mcdonaldserc.com

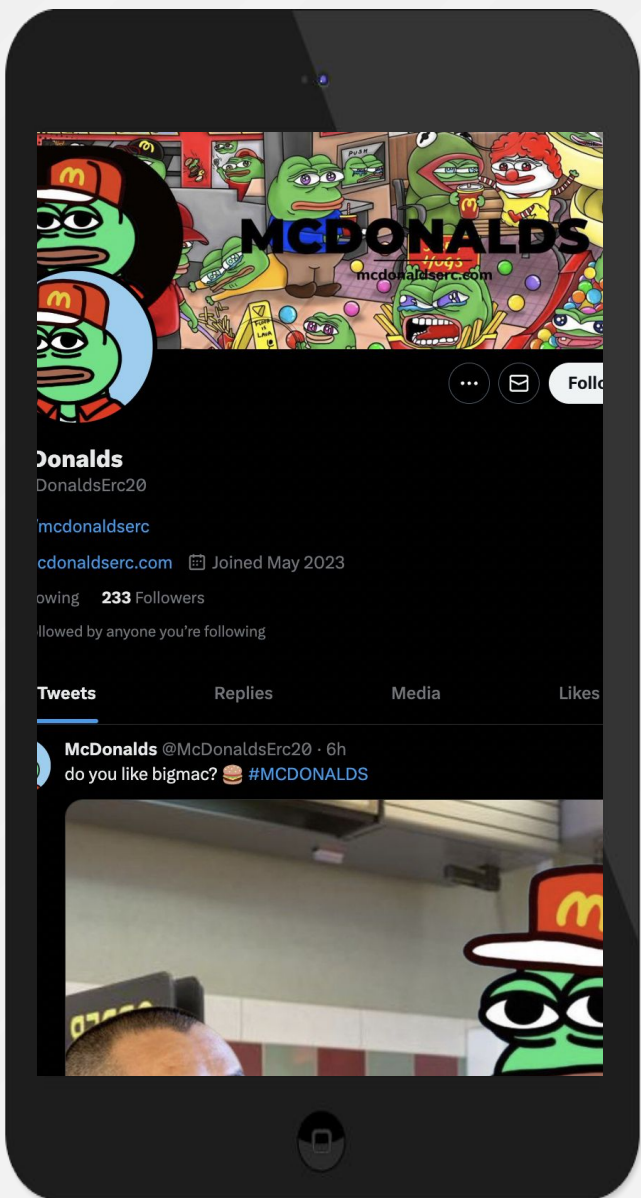
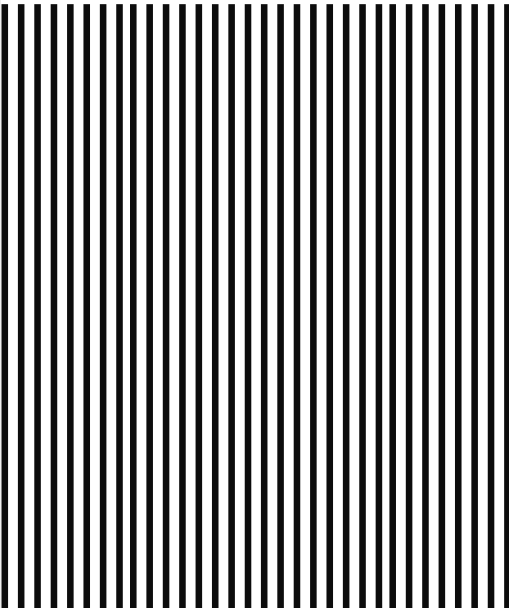


# SOCIAL MEDIA & ONLINE PRESENCE



## ANALYSIS

Project’s social media activity is concentrated in telegram with organic users interactions.



Twitter

@McDonaldsErc20

- 233 followers
- Daily posts



Discord

- Not available



Telegram

@mcdonaldserc

- 206 members
- Active community and mods



Medium

- Not available



# SPYWOLF

## CRYPTO SECURITY

Audits | KYCs | dApps  
Contract Development

# ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 150 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

To hire us, reach out to  
[contact@spywolf.co](mailto:contact@spywolf.co) or  
[t.me/joe\\_SpyWolf](https://t.me/joe_SpyWolf)

## FIND US ONLINE



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# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.